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| PETDANGMITTAL  |   |               | Application Number 10/007,339          |   | 9                  |   |  |  |
|--|---|---------------|--|---|--------------------|---|--|--|
| CNAINSIVII I AL  |   |               | Filing                                 | Date  | October 26         | 6, 2001   |  |  |
| FORM   |   |               | First N                                | lamed Inventor  | Peterka, P         | etr   |  |  |
| (to be used for all correspondence after initial filing)   |   |               | Art Un                                 | it  | 2131               |   |  |  |
| & Therefore  |   |               | Exami                                  | ner Name  | -                  |   |  |  |
| Total Number of Pages in This Submission 6   |   |               | Attorn                                 | ey Docket Number  | 018926-00          | 06520US   |  |  |
|  | ENCLOSURES (Check all that apply)   |               |  |   |                    |   |  |  |
| Fee Transmittal F  | om  | ☐ Drawin      | g(s)                                   |   | After All<br>Group | owance Communication to                               |  |  |
| Fee Attached   |   | Licensi       | ng-relate                              | d Papers  |                    | Communication to Board of<br>and Interferences        |  |  |
| Amendment / Rep  | ply   | Petition      | ı                                      |   |                    | Communication to Group<br>Notice, Brief, Reply Brief) |  |  |
| After Final  |   | Provisi       | n to Conv<br>onal App                  | lication  | Propriet           | ary Information                                       |  |  |
| Affidavits/decl  | laration(s)   |               |  | ey, Revocation<br>espondence Address  | Status L           | etter   |  |  |
| Extension of Time Request  |   | al Disclaimer |  | Other Enclosure(s) (please identify below):   |                    |   |  |  |
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| ☐ Information Disclosure Statement   |   |               |  |   |                    |   |  |  |
| Certified Copy of Priority Document(s) Rem   |   | Rema          | rks                                    | The Commissioner is authorized to charge any additional fees Deposit Account 20-1430.  RECFIVED |                    | RECEIVED  |  |  |
| Response to Miss Incomplete Applic   |   |               |  | '   |                    | MAR 0 7 2003  |  |  |
| Response to I  |   |               |  |   | •                  | ·   |  |  |
| under 57 GFT   | *   |               |  |   |                    | Technology Center 2100                                |  |  |
| Firm   | SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Townsend and Townsend and Crew LLP |               |  |   |                    |   |  |  |
| or William F Vohach Reg No 3941  |   |               |  |   | . 39,411           |   |  |  |
| Individual<br>Signature  | 21.11. 1 11/1   |               |  |   |                    |   |  |  |
| Date   | Date February 28, 2003  |               |  |   |                    |   |  |  |
| CERTIFICATE OF TRANSMISSION/MAILING  |   |               |  |   |                    |   |  |  |
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| Typed or printed   | Kay Barclay   |               | )                                      |   |                    |   |  |  |
| Signature  | Set   | W. E          | Signature Date February 28, 2003       |   |                    |   |  |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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| FEE TRANSMITTAL   | Complete if Known                                    |             |                |              |  |                                   |  |
|---|--|-------------|----------------|--------------|--|-----------------------------------|--|
| [ " ]   | Application Number 10/                               |             | 10/00          | 0/007,339    |  |                                   |  |
| AR 0 4 2003 F for FY 2003   | Filing Date Octo                                     |             | Octob          | per 26, 2001 | RECEN  | /FD                               |  |
| Patent fees are subject to annual revision.   | First Na   | med Inv     | entor          | Peter        | ka, Petr   |                                   |  |
| Apolicant claims small entity status. See 37 CFR 1.27   | Examin   | er Name     | •              |              |  | MAR 0 7                           | 2003   |
|   | Group /  | Art Unit    |                | 2131         |  | Tarhooloov ca                     | ntor 210                                     |
| TOTAL AMOUNT OF PAYMENT (\$) 0  | Attorne  | y Docke     | t No.          | 0189         | 018926-006520US Technology Cen                     |                                   | iller 2 ly                                   |
| METHOD OF PAYMENT (check all that apply)  |  |             |                | FEE C        | ALCULATION (co                                     | ntinued)                          |  |
| Check Credit Card MoneyOrder Other None   | 3. ADDI  | TIONAL      | FEES           |              |  |                                   |  |
| Deposit Account:  | Large  | Entity      | Small          |              |  |                                   |  |
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| Account Number 20-1430  | 1051   | 130         | 2051           | 65           | Surcharge - late t                                 | -                                 |  |
|   | 1052   | 50          | 2052           | 25           | Surcharge - late  <br>or cover sheet.              | provisional filing fee            | <b> </b>                                     |
| Deposit Account Townsend and Townsend and Crew LLP  | 1053   | 130         | 1053           | 130          | Non-English spec                                   | cification                        |  |
| Name  | 1812   | 2,520       | 1812           | 2,520        | For filing a reque                                 | st for reexamination              | I  |
| The Commissioner is authorized to: (check all that apply)   | 1804   | 920*        | 1804           | 920*         | Requesting public<br>Examiner action               | cation of SIR prior to            | <b> </b>                                     |
| Charge fee(s) indicated below Credit any overpayments  Charge any additional fee(s) during the pendency of this application | 1805   | 1,840*      | 1805           | 1,840*       |  | cation of SIR after               |  |
| Charge fee(s) indicated below, except for the filing fee  | 1251   | 110         | 2251           | 55           |  | ly within first month             |  |
| to the above-identified deposit account.  | 1252   | 410         | 2252           | 205          | Extension for rep                                  | ly within second                  | [  |
| FEE CALCULATION   | 1253   | 930         | 2253           | 465          | month<br>Extension for rep                         | ly within third month             |  |
| 1. BASIC FILING FEE Large Entity Small Entity   | 1254   | 1,450       | 2254           | 725          | Extension for rep                                  | •                                 |  |
| Fee Fee Fee Description   | 1255   | 1,970       | 2255           | 985          | Extension for rep                                  | ly within fifth month             |  |
| Code (\$) Code (\$) Fee Paid  | 1401   | 320         | 2401           | 160          | Notice of Appeal                                   |                                   |  |
| 1001 750 2001 375 Utility filing fee  | 1402   | 320         | 2402           | 160          | •  | ipport of an appeal               | <u> </u>                                     |
| 1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee  | 1403   | 280         | 2403           | 140          | Request for oral I                                 | =                                 | <u> </u>                                     |
| 1004 750 2004 375 Reissue filing fee  | 1451   | 1,510       | 1451           | 1,510        | Petition to institut<br>proceeding                 | e a public use                    |  |
| 1005 160 2005 80 Provisional filing fee   | 1452   | 110         | 2452           | 55           | Petition to revive                                 | <ul> <li>unavoidable</li> </ul>   |  |
| SUBTOTAL (1)  | 1453   | 1,300       | 2453           | 650          | Petition to revive                                 |                                   | i  |
| SOBIOTAL(I)   | 1501   | 1,300       | 2501           | 650          | Utility issue fee (d                               | or reissue)                       |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   | 1502<br>1503   | 470<br>630  | 2502<br>2503   | 235<br>315   | Plant issue fee                                    |                                   |  |
| Fees from   | 1460   | 130         | 1460           | 130          | Petitions to the C                                 | ommissioner                       |  |
| Total Claims below Fee Paid  =  | 1807   | 50          | 1807           | 50           | Petitions related tapplications                    | to provisional                    |  |
| Independent -** = Claims  | 1806   | 180         | 1806           | 180          | Submission of Inf                                  | formation Disclosure              |  |
| Multiple Dependent  | 8021   | 40          | 8021           | 40           | per property (time                                 | patent assignment<br>es number of |  |
| Large Entity Small Entity   | 1809   | 750         | 2809           | 375          |  | on after final rejection          |  |
| Fee Fee Fee Fee Description  Code (\$) Fee Description  | 1810   | 750         | 2810           | 375          | (37 CFR § 1.129) For each addition examined (37 CF | al invention to be                |  |
| 1202 18 2202 9 Claims in excess of 20<br>1201 84 2201 42 Independent claims in excess of 3                                  | 4004   | 760         | 2004           | 275          | •  | inued Examination                 |  |
| 1203 280 2203 140 Multiple dependent claim, if not paid   | 1801   | 750         | 2801           | 375          | (RCE)  | A16                               |  |
| 1204 84 2204 42 ** Reissue independent claims over original patent  | 1802   | 900         | 1802           | 900          | Request for expe<br>of a design applic             | dited examination<br>ation        | <b>                                     </b> |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent   | Other fee  | e (specify  | ') <del></del> |              |  |                                   |  |
| SUBTOTAL (2) (\$) **or number previously paid, if greater; For Reissues, see above  | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)0 |             |                |              |  |                                   |  |
|   |  |             | ===            |              |  |                                   | ==   |
| SUBMITTED BY  | - 44 - : : : : :                                     | T.,         |                |              |  | nplete (if applicable)            |  |
| Name (Print/Type) William F. Vobach Registration No. (Attorners)  Signature William F. Voback                               | ey/Agent)  | 39,         | 411            |              | Telephone<br>Date                                  | 303-571-4000<br>February 28, 2003 | <del></del>                                  |
| Signature William V. Volvect  |  |             |                |              |  | . 55.55.7 20, 2000                |  |

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**Technology Center 2100** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Petr Peterka, et al.

Application No.: 10/007,339

Filed: October 26, 2001

For: INITIAL VIEWING PERIOD FOR SCALABLE AUTHORIZATION OF STREAMING MULTIMEDIA

CONTENT

Examiner:

Art Unit: 2131

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

**Assistant Commissioner for Patents** Washington, D.C. 20231

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed are copies of the Search reports corresponding to related PCT applications as noted below:

> 1. International Search Report for International Application No. PCT/US01/50360;

**PATENT** 

Petr Peterka, et al.

Application No.: 10/007,339

Page 2

2. International Search Report for International Application No.

PCT/US01/51051;

3. International Search Report for International Application No.

PCT/US01/51362;

4. International Search Report for International Application No.

PCT/US01/51649;

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

William F. Woback

William F. Vobach Reg. No. 39,411

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8<sup>th</sup> Floor San Francisco, California 94111-3834

Tel: 303-571-4000 Fax: 303-571-4321

WFV:klb DE 7096658 v1

PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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(use as many sheets as necessary)

3 **Attorney Docket Number** Sheet of

First Named Inventor Peterka, Petr, et. al. Art Unit 2131 **Examiner Name** 018926-006520US

|          |              |   | U.S. PATENT D                  | OCUMENTS   |   |
|----------|--------------|---|--------------------------------|--|---|
| Examiner | Cite<br>No.1 | Document Number  Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|          | AA           | US5,748,736   | 05-05-1998                     | Suvo Mittra  | Tigores Appear  |
|          | AB           | US-5,790,198  | 08-04-1998                     | Roop et al.  |   |
|          | AC           | US-5,659,615  | 08-19-1997                     | Douglas Dillon                                     |   |
|          | AD           | US-   |                                |  | - RECEIVED  |
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|               | FOREIGN PATENT DOCUMENTS |                           |              |                                  |                                |                                |  |                |  |  |
|---------------|--------------------------|---------------------------|--------------|----------------------------------|--------------------------------|--------------------------------|--|----------------|--|--|
| Examiner Cite | Cite                     | Foreign Patent Document   |              |                                  |                                | Name of Patentee or            | Pages, Columns, Lines,<br>Where Relevant |                |  |  |
| Initials*     | No.1                     | Country Code <sup>3</sup> | Number⁴<br>ĸ | ind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Applicant of Cited<br>Document | Passages or Relevant<br>Figures Appear   | T <sup>6</sup> |  |  |
|               | AU                       | EP                        | 0 696 121    | Α                                | 02-07-1996                     | AT & T CORP.                   |  |                |  |  |
|               | AV                       |                           |              |                                  |                                |                                |  |                |  |  |
|               | AW                       |                           |              |                                  |                                |                                |  |                |  |  |
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/007,339 INFORMATION DISCLOSURE **Filing Date** October 26, 2001 ATEMENT BY APPLICANT **First Named Inventor** Peterka, Petr, et. al. Art Unit 2131 2003 (use as many sheets as necessary) **Examiner Name** 018926-006520US Attorney Docket Number of

| ····                |              | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS   |    |
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|                     | вс           | I. CHANG, et al.; Key Management for Secure Internet Multicast using Boolean Function Minimization Techniques; Infocom '99, 18th Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings, IEEE New York, NY USA, March 21, 1999. | 6. |
|                     | BD           | P.T. DINSMORE et al.; Policy-Based Security Management for Large Dynamic Groups: An Overview of the Doom Project; proceedings of the Darpa speech and Natural Language Workshop, Vol. 1, 1999 IEEE  |    |
|                     | BE           | J.P. GRAY, et al.; ATM Cell Encryption and Key Update Synchronization; Telecommunication Systems, Basel, CH; Vol. 7, No. 4, 1997; ISSN: 1018-4864   |    |
|                     | BF           | S. MITTRA; IOLUS: A Framework for Scalable Secure Multicasting; Computer Communications Review, Association for Computing Machinery, New York, US; Vol. 27, No. 4; September 14, 1997; ISSN: 0146-4833  |    |
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.